

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/712,629C
Source: 1Fu16
Date Processed by STIC: 5/2/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. **EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>) , EFS Submission User Manual - ePAVE**
2. **U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314**

Revised 01/10/06

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>10/212,629C</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleic Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters , instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input type="checkbox"/> Variable Length	Sequence(s) <input type="checkbox"/> contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) <input type="checkbox"/> . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) <input type="checkbox"/> missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) <input type="checkbox"/> missing. If intentional , please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <input type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence. (see item 11 below)	
11 <input type="checkbox"/> Use of <220>	Sequence(s) <input type="checkbox"/> missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n/Xaa	"n" can only represent a single <u>nucleotide</u> ; "Xaa" can only represent a single <u>amino acid</u>	



IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/712,629C

DATE: 05/02/2006
TIME: 14:30:25

Input Set : A:\PTO.TS.txt
Output Set: N:\CRF4\05022006\J712629C.raw

3 <110> APPLICANT: The Procter & Gamble Company
5 <120> TITLE OF INVENTION: Composition Comprising a Mouse HRt Protein Human
6 Interacting Partner Protein Complex
8 <130> FILE REFERENCE: 9423
10 <140> CURRENT APPLICATION NUMBER: US 10/712,629C
11 <141> CURRENT FILING DATE: 2003-11-13
13 <160> NUMBER OF SEQ ID NOS: 20
15 <170> SOFTWARE: PatentIn version 3.3

jp 1,3-5

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

523 <210> SEQ ID NO: 17
524 <211> LENGTH: 2079
525 <212> TYPE: DNA ! This is a PRT sequence
526 <213> ORGANISM: Nucleotide sequence of HRt corresponding to the amino acid residue

490-

W--> 527 1182 of the C-terminal portion of HR protein

529 <400> SEQUENCE: 17
531 Val Thr Gln Cys Gln Ser Cys Val Gln Ala Ala Gly Glu Val Gly Val
532 1 5 10 15
535 Leu Thr Gly His Ser Gln Lys Ser Arg Arg Ser Pro Leu Glu Glu Lys
536 20 25 30
539 Gln Leu Glu Glu Asp Ser Ser Ala Thr Ser Glu Glu Gly Gly
540 35 40 45
543 Gly Pro Gly Pro Glu Ala Ser Leu Asn Lys Gly Leu Ala Lys His Leu
544 50 55 60
547 Leu Ser Gly Leu Gly Asp Arg Leu Cys Arg Leu Leu Arg Lys Glu Arg
548 65 70 75 80
551 Glu Ala Leu Ala Trp Ala Gln Arg Glu Gly Gln Gly Pro Ala Met Thr
552 85 90 95
555 Glu Asp Ser Pro Gly Ile Pro His Cys Cys Ser Arg Cys His His Gly
556 100 105 110
559 Leu Phe Asn Thr His Trp Arg Cys Ser His Cys Ser His Arg Leu Cys
560 115 120 125
563 Val Ala Cys Gly Arg Ile Ala Gly Ala Gly Lys Asn Arg Glu Lys Thr
564 130 135 140
567 Gly Ser Gln Glu Gln His Thr Asp Asp Cys Ala Gln Glu Ala Gly His
568 145 150 155 160
571 Ala Ala Cys Ser Leu Ile Leu Thr Gln Phe Val Ser Ser Gln Ala Leu
572 165 170 175
575 Ala Glu Leu Ser Thr Val Met His Gln Ala Trp Ala Lys Phe Asp Ile
576 180 185 190
579 Arg Gly His Cys Phe Cys Gln Val Asp Ala Arg Val Trp Ala Pro Gly

invalid
(213) response
(see item 10
on Error
summary
sheet)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/712,629C

DATE: 05/02/2006

TIME: 14:30:25

Input Set : A:\PTO.TS.txt

Output Set: N:\CRF4\05022006\J712629C.raw

580	195	200	205																
583	Asp	Gly	Gly	Gln	Gln	Lys	Glu	Pro	Thr	Glu	Lys	Thr	Pro	Pro	Pro	Thr	Pro		
584	210			215							220								
587	Gln	Pro	Ser	Cys	Asn	Gly	Asp	Ser	Asn	Arg	Thr	Lys	Asp	Ile	Lys	Glu			
588	225				230				235			240							
591	Glu	Thr	Pro	Asp	Ser	Thr	Glu	Ser	Pro	Ala	Glu	Asp	Gly	Ala	Gly	Arg			
592				245					250			255							
595	Ser	Pro	Leu	Pro	Cys	Pro	Ser	Leu	Cys	Glu	Leu	Leu	Ala	Ser	Thr	Ala			
596			260				265				270								
599	Val	Lys	Leu	Cys	Leu	Gly	His	Asp	Arg	Ile	His	Met	Ala	Phe	Ala	Pro			
600		275			280			285											
603	Val	Thr	Pro	Ala	Leu	Pro	Ser	Asp	Asp	Arg	Ile	Thr	Asn	Ile	Leu	Asp			
604		290			295			300											
607	Ser	Ile	Ile	Ala	Gln	Val	Val	Glu	Arg	Lys	Ile	Gln	Glu	Lys	Ala	Leu			
608	305				310				315			320							
611	Gly	Pro	Gly	Leu	Arg	Ala	Gly	Ser	Gly	Leu	Arg	Lys	Gly	Leu	Ser	Leu			
612				325				330			335								
615	Pro	Leu	Ser	Pro	Val	Arg	Thr	Arg	Leu	Ser	Pro	Pro	Gly	Ala	Leu	Leu			
616				340			345			350									
619	Trp	Leu	Gln	Glu	Pro	Arg	Pro	Lys	His	Gly	Phe	His	Leu	Phe	Gln	Glu			
620			355			360			365										
623	His	Trp	Arg	Gln	Gly	Gln	Pro	Val	Leu	Val	Ser	Gly	Ile	Gln	Lys	Thr			
624		370			375			380											
627	Leu	Arg	Leu	Ser	Leu	Trp	Gly	Met	Glu	Ala	Leu	Gly	Thr	Leu	Gly	Gly			
628	385				390				395			400							
631	Gln	Val	Gln	Ser	Leu	Thr	Ala	Leu	Gly	Pro	Pro	Gln	Pro	Thr	Asn	Leu			
632				405			410			415									
635	Asp	Ser	Thr	Ala	Phe	Trp	Glu	Gly	Phe	Ser	His	Pro	Glu	Thr	Arg	Pro			
636			420			425			430										
639	Lys	Leu	Asp	Glu	Gly	Ser	Val	Leu	Leu	Leu	His	Arg	Thr	Leu	Gly	Asp			
640		435			440				445										
643	Lys	Asp	Ala	Ser	Arg	Val	Gln	Asn	Leu	Val	Ser	Ser	Leu	Pro	Leu	Pro			
644		450			455			460											
647	Glu	Tyr	Cys	Ala	His	Gln	Gly	Lys	Leu	Asn	Leu	Ala	Ser	Tyr	Leu	Pro			
648	465				470			475			480								
651	Leu	Gly	Leu	Thr	Leu	His	Pro	Leu	Glu	Pro	Gln	Leu	Trp	Ala	Ala	Tyr			
652				485			490			495									
655	Gly	Val	Asn	Ser	His	Arg	Gly	His	Leu	Gly	Thr	Lys	Asn	Leu	Cys	Val			
656		500			505				510										
659	Glu	Val	Ser	Asp	Leu	Ile	Ser	Ile	Leu	Val	His	Ala	Glu	Ala	Gln	Leu			
660		515			520				525										
663	Pro	Pro	Trp	Tyr	Arg	Ala	Gln	Lys	Asp	Phe	Leu	Ser	Gly	Leu	Asp	Gly			
664		530			535			540											
667	Glu	Gly	Leu	Trp	Ser	Pro	Gly	Ser	Gln	Thr	Ser	Thr	Val	Trp	His	Val			
668	545				550				555			560							
671	Phe	Arg	Ala	Gln	Asp	Ala	Gln	Arg	Ile	Arg	Arg	Phe	Leu	Gln	Met	Val			
672				565			570			575									
675	Cys	Pro	Ala	Gly	Ala	Gly	Thr	Leu	Glu	Pro	Gly	Ala	Pro	Gly	Ser	Cys			
676				580			585			590									

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/712,629C

DATE: 05/02/2006

TIME: 14:30:25

Input Set : A:\PTO.TS.txt

Output Set: N:\CRF4\05022006\J712629C.raw

679 Tyr Leu Asp Ala Gly Leu Arg Arg Leu Arg Glu Glu Trp Gly Val
 680 595 600 605
 683 Ser Cys Trp Thr Leu Leu Gln Ala Pro Gly Glu Ala Val Leu Val Pro
 684 610 615 620
 687 Ala Gly Ala Pro His Gln Val Gln Gly Leu Val Ser Thr Ile Ser Val
 688 625 630 635 640
 691 Thr Gln His Phe Leu Ser Pro Glu Thr Ser Ala Leu Ser Ala Gln Leu
 692 645 650 655
 695 Cys His Gln Gly Ala Ser Leu Pro Pro Asp His Arg Met Leu Tyr Ala
 696 660 665 670
 699 Gln Met Asp Arg Ala Val Phe Gln Ala Val Lys Ala Ala Val Gly Ala
 700 675 680 685
 703 Leu Gln Glu Ala Lys
 E--> 704 690 (4)
 707 <210> SEQ ID NO: 18 2079(P)
 708 <211> LENGTH: 693
 709 <212> TYPE: PRT ? This is a DNA sequence
 710 <213> ORGANISM: C-terminal portion of hairless protein of mouse (HRt) having amino acid residues 490 to 1182

acid residues 490 to 1182

713 <400> SEQUENCE: 18	60	invalid
715 gttaccaggc gccaaagctg tgtccaggca gctggagagg tagggtaact gaccggccac	120	2137
717 tccccagaaat cacgtaggc accccctggaa gagaagcagt tggaggagga ggattcctct	180	negative
719 gccacttccg aagaaggagg aggagggctt ggcccagaag cttcactcaa caagggcctg	240	
721 gccaaggcacc tgctgagtgg tttggggac cgactctgcc gcctgctgcg gaaggagcgg	300	
723 gaggcccttg cctggcaca gcgagaaggc cagggccag ccatgacaga ggacagccca	360	
725 ggcattccac attgctgcag ccgatgccac cacgactct tcaacaccca ctggagatgt	420	
727 tccccactgtt gccaccggct gtgtgttagcc tgtgtcgca tagccggcgc tggaaagaac	480	
729 agggagaaaa caggttctca ggaacagcac acagatgact gcccggcggatggcat	540	
731 gtcgcctgtt ccctgatectt gacccagttt gtctccagcc aggcgcgtgc agaactgagc	600	
733 actgtgatgc accaaggctg ggccaagttt gacattcggg ggcactgttt ctgccaggtt	660	
735 gatgcccgtg tgtggccccc cggggatggg ggtcagcaga aggaaccaac agagaaaaact	720	
737 cccccaactc cacaaccttc ctgcaatgga gattcaatc ggaccaagga catcaaagaa	780	
739 gagaccccaag actccactga gagcccagca gaggacggtg ctggccgtc accccttcct	840	
741 tgcgcctctc tctgtgagct gctagcctt actgctgtca aactctgcct gggcatgac	900	
743 cggattcaca tggccttgc tccggtcacc ccagctctgc ccagtatgta cccattacc	960	
745 aacatcctgg acagcattat tgcgcaggtt gtagaacggg agatccaaga gaaagccctg	1020	
747 gggccaggcc tgcgcaggc gtcaggctt cgcaggcccg tgagccttcc attgtcacca	1080	
749 gtcgcgaccc ggctgtctcc tccctggagct ttgctgtggc tgcaggagcc taggcctaag	1140	
751 catggcttcc atctcttcca ggaacactgg cggcaggcc agccctgttt agtgcgcggc	1200	
753 atccagaaga cattgagact tagcctgtgg ggaatggaag cccttggac acttggtggc	1260	
755 cagggtcagt cactgactgc cttggccct ccccaagccca cgaaccttgcg cagcacagca	1320	
757 ttctggagg gattctctca tccctggagaca cgtccaaagt tagatgaggg ctctgtcttc	1380	
759 ctgctacacc gaaccctggg ggataaggac gctagcaggc tgcagaaacct tgcgcggc	1440	
761 ctccactcc cagaataactg tgcccaccaa gggaaactca accttagcgtc ctacccccc	1500	
763 ctggccctca cactgcatcc actggagccc cagctctggg cggcctatgg tgcgcggc	1560	
765 caccgtggac acctggggac caagaatcta tgcgtggagg tgcgcggc aatcgtatc	1620	
767 ctggtgaccc cccggccca gtcgcctccc tggatcgag cacagaaaga tttccctctca	1680	
769 ggcctggatg gggaaaggact ctggctctca gggagccaga ccagcactgt gtgcgttg	1740	
771 ttccggccccc agatgccccca gcgcatccgt cgcttctcc agatggtgcc cccagctgg		

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/712,629C

DATE: 05/02/2006
TIME: 14:30:25

Input Set : A:\PTO.TS.txt
Output Set: N:\CRF4\05022006\J712629C.raw

773	gcaggaacct	tggagcctgg	tgccccaggc	agctgctact	tggatgcagg	gttgcgccga	1800
775	cggctaagag	aagagtgggg	tgtgagctgc	tggaccctgc	tgcaggctcc	tgggaagcgc	1860
777	gtgctggtcc	cggctggggc	gccccatca	gtgcaggggcc	tggtgagcac	aatcagtgtc	1920
779	actcagcact	ttctgtctcc	tgagacctct	gccctctctg	ctcagctctg	ccaccaggga	1980
781	gccagcctac	cccctgacca	ccgtatgctt	tatgcccaga	tggaccggc	tgtgttccaa	2040
E--> 783	gcagtaaagg	cggctgtggg	ggcggttacag	gaagctaaa			2079 ←

see P. 5 for more error

10/7/2, 629c 5

<210> 19
<211> 30
<212> DNA
<213> Oligonucleotide primer

<400> 19
ccggaattcg tcacccagtg ccaaagctgt

30

<210> 20
<211> 49
<212> DNA
<213> Oligonucleotide primer

invalid <213> response

same error

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/712,629C

DATE: 05/02/2006

TIME: 14:30:26

Input Set : A:\PTO.TS.txt

Output Set: N:\CRF4\05022006\J712629C.raw

L:527 M:259 W: Allowed number of lines exceeded, <213> ORGANISM:

L:704 M:301 E: (44) No Sequence Data was Shown, SEQ ID:17

L:704 M:252 E: No. of Seq. differs, <211> LENGTH:Input:2079 Found:0 SEQ:17

L:711 M:259 W: Allowed number of lines exceeded, <213> ORGANISM:

L:783 M:301 E: (44) No Sequence Data was Shown, SEQ ID:18

L:783 M:252 E: No. of Seq. differs, <211> LENGTH:Input:693 Found:0 SEQ:18